Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

No.....

Division: **BBMP / YNK** Sub-Division: **Yelahanka Sub – Division.** Date.....2020.

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Schedule Docket No. Head of Account: Sub Divisional **Work Code: 002-20-000105.**

Name of Work : Improvements and Asphalting to roads at Synika vihara badavane main road in chowdeshwari ward no -02 of Yelahanka Sub division. Est.Cost: **30.00** Lakhs B.R.No. :

Name of Contractor and Full Address: **Sri N Thirunagendra, No 184, Besthara Bheedhi, Yelahanka old town Bangalore – 560064.**

Reference to Agreement No. EE(YNK.D)E-PMT-01 /W.O/ 87 /2020-21 Date: 3-7-2020.

Certified that the measurements were taken by me on 11/9/2020 and recorded of Pages 495019 **To** 495025 of measurement **Book No** 4951 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 11/09/2020 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment **Sub-Division Officer**

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of
   b) Payments Now made } cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

Total amount adjusted -

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands) (For use in the Office)

Witness
1.
2.

Stamp

Dated Signature of Contractor
Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

Executive Engin

sl no	Description of work	Unit	Measurment		Present Measurement			Total up-to date		Remark
			Qty	cost	Qty	Rate	Cost	Qty	cost	
1	KSRRB 300: Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 m and an average lift upto 0.5 m. excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3	Cum	-	-	174.06	202.00	35160.1	174.06	35160.1	
2	KSRB M2100-10 Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @ 0.89 cum and fine aggregates @ 0.46 cum, in fouhdation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centring complete as per specifications	Cum	-	-	29.55	5097.00	150616.4	29.55	150616.4	
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centring, shuttering, cost of materials, HOM of machinery, curing etc , complete excluding cost of steel as per MORTH specification No 1500, 1700, 2009, including cost of materials, labour, HOM complete as per specifications	Cum	-	-	57.60	6646.00	382809.6	57.60	382809.6	
4	KSRRB M2300-14: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour HOM of machinery complete as per specifications Specification NO: MORTH Specification No.1600 & 220 TMT Bars Fe 500	Tonne	-	-	3.67	69553.00	255259.5	3.67	255259.5	
5	Providing and Fixing RCC pre cast cover Slab 100mm thick for drain made out of CC 1:1.5:3 and jelly 20mm Down size with steel reinforcement including form work, lift charges, curing and concrete finished on both sides etc.,CompleteAs per drawing and direction of Engineer IN charge. (Data Rate).	Sqm	-	-	144.00	2197.00	316368.0	144.00	316368.0	
6	Providing and Fixing RCC pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work, laid and lift charges, curing and concrete finished surfaces on both sides etc., complete. As per Engineer IN charge. (Data Rate).	Sqm	-	-	18.00	5093.00	91674.0	18.00	91674.0	
7	KSRRB M300-14: Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specification No.30. Loading and unloading with 8km lead.	Cum	-	-	225.35	60.00	13521.0	225.35	13521.0	
8	Construction of granular sub-base Grading-V as Sub-Base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in mechanical mix plant at OMC. Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98% proctor density, complete as per specifications. Clause 401 of MORTH V Revision. Page No: 153. Item No.20.5	Cum	-	-	146.97	1875.00	275568.8	146.97	275568.8	
9	KSRRB M400-17: Providing, Laying, Spreading and Compacting crushed stone aggregates of granite/ trap/ Basalt to wet mix macadam specifications including premixing the material with water at OMC in Mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406. Page No: 155. Item No. 20.18	Cum	-	-	225.35	1881.00	423883.4	225.35	423883.4	
10	KSRRB M500-6: Providing and Supplying primer coat with S.S bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg /sqm using mechanical means complete as per specifications Clause 502 of MORTH Clause 502 of MORTH V revision	Sqm	-	-	979.80	27.00	26454.6	979.80	26454.6	
11	KSRRB M500-17: Providing and laying Dense Graded Bituminous Macadam using crushed aggregates of crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete in all respects complete as per specifications. MORTH Specification No.507. Using 100/120 TPH capacity HMP with sensor paver Gr II (50mm to 75mm) with 4.5% VG-30 Bitumen	Cum	-	-	48.99	6212.00	304325.9	48.99	304325.9	
12	KSRRB 500-7: Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 0.25kg per sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5	Sqm	-	-	979.80	12.00	11757.6	979.80	11757.6	
13	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. Do- using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4% of modified bituminous binder consisting of 4.97% of VG-30 Bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)	Cum	-	-	29.39	7398.00	217427.2	29.39	217427.2	
14	KSRRB M800-13: Road marking with Hot Applied 'Thermoplastic' Compound with Reflectorizing Glass Beads on Bituminous Surface - Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorizing glass beads at 250gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35.The Finished surface to be level , Uniform and free from streaks and holes complete as per Specifications. MORTH Specification NO.803	Sqm	-	-	35.00	428.00	14980.0	35.00	14980.0	
						Sub Total	2519842		2519842	
						GST 12%	302381		302381	
						Total	2822223		2822223	

Certificates:

The above work is done satisfactorily and complete in all respect.

There is no department Material issue for the above work.

This works comes under BBMP Limit

AE-02